Algebra 1A - Review Name:

December 14, 2009

test on December 16, 2009

Solve for x.

1.)    x + 6 = 6   
  
  
  
  
  
2.)    x / - 7 = 1   
  
  
  
  
  
3.)    5x - 7 = - 22   
  
  
  
  
  
4.)    2 - 4x = - 26   
  
  
  
  
  
5.)    - 58 = - 6x + x + 2   
  
  
  
  
  
6.)    - 41 = x - 6x + 9   
  
  
  
  
  
7.)    6 + 7x = 5x + 30   
  
  
  
  
  
8.)    - 4x + 2 = - 3x + 14

9.)    - 6x > - 54   
  
  
  
  
  
10.)    4x < 24   
  
  
  
  
  
11.)    |6x + 4| ≤ 52   
  
  
  
  
  
13.)    |7 + 5x| ≥ 2   
  
  
  
  
  
14.)    3 > - 4x + 3x - 8   
  
  
  
  
  
15.)    10 - 2x - 3x < - 40   
  
  
  
  
  
16.)    - 5x - 4 > - x - 48   
  
  
  
  
  
17.)    |8 - 7x| = 90

Graph the following.

18.) x + y = 8



19.)  y = x + 2



20.) y=3x-3



21.) 3x-y=9



22.) Find the equation of the line that passes through (1, 2) and (7, 10).

23.) Find the equation of the line that passes through (-3, -10), and (2, 7).

24.) Find the equation of the line that passes through (7, 8), and (10, 12).

25.) Find the equation of the line that passes through (2, 11), and (-2, 5).